L 10U38-66 EWT(m)/EWP(b) JW/RM SOURCE CODE: UR/0078/65/010/009/1971/1975,//

AUTHOR: Gerbunev, A. I.; Solov'yeva, C. S.; Antonov, I. S.; Kharson, M. S.

ORG: none

TITLE: Schubility of diborane in diethylene glycol dimethyl ether 1

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 9, 1965, 1971-1975

TOPIC TAGS: ether, solubility, heat of vaporization, diborane, diethylene glycol, pressure, temperature dependence, high temperature effect, low temperature effect ABSTRACT: The solubility of diborane in diethylene glycol dimethyl ether (DODE) was determined at temperatures of 0.50, 0.20, 0.9, 0.9, 0.9, 0.9, 0.9, 0.9, and 0.9, and

Card 1/2 UDC: 546.271

L 10438-66 ACC. NR. AP6000281

6

The <u>vapor pressure</u> of DODE was determined in the range of 40 - 90C. M. K. Kapralova kindly supplied the DODE samples. Orig. art. has: 4 figures, 3 tables, and 3 formulas.

SUB CODE: 07,20/ SUBM DATE: 14Mar64

je

2/2 Card

ACC NR. AP7006226 (A,N) SOURCE CODE: UR/0078/67/012/001/0003/0007

AUTHOR: Gorbunov, A. I.; Solov'yeva, G. S.

ORG: none

Card 1/4

TITLE: Preparation of diborane by hydrogenation of alkyldichloroboranes

SOURCE: Zhurnal neorganicheskoy khimil, v. 12, no. 1, 1967, 3-7

TOPIC TAGS: diborane, chemical synthesis, boron compound, Happengeranon

genation of alkyldichloroboranes at atmospheric or high pressures. Identification of the reaction products by IR spectroscopy indicated that the hydrogenation probably proceeds via the B-C bond without affecting the B-C1 bond to form dichloroborane: RBCl₂ + H₂ → HBCl₂ + RH. Diborane is probably formed as a result of the disproportionation of HBCl₂. The results of experiments conducted at atmospheric pressure and 250—540C in a flow apparatus given in Table 1 indicated that the alkyldichloroboranes are hydrogenated only in the presence of SKLT-D or AR-3 carbons. Lower degrees of conversion based on HBCl₂, as compared with those based on RH, indicated that the diborane formed undergoes pyrolysis on the catalyst. Experiments at 300—340C and hydrogen pressures of 100—200 atm (Table 2) yielded diborane in the absence

ACC NR: AP7006226
Table 1. Hydrogenation of alkyldichloro

Table 1. Hydrogenation of alkyldichloroboranes at atmospheric pressure

Catalyst	RBCl ₂ :H ₂ ratio	t, °C	Conversion based on HBCl2, %	Conversion based on RH, %	Contact time, sec
	Ethy	ldichloro	borane		
	1		I _	slight	60
Without catalyst	1:4	475		_	_
10 ml SKLT-D carbon	1:5.26	370 475	3.72	56	3.7
10 ml SKLT-D carbon	1:5.8	177	3.15		1 3.8
10 ml 0.44% Pt on	1:5.3	450	—	1	
graphite				slight	—
10 ml 0.44% Pt on	1:5.3	500	_	02.0.1	1
10 MI 0.44% to ou			1	18.3	3.5
graphite 10 ml 0.44% Pt on	1:5.3	540	0.98	10.3	1 3.7
10 m1 0.44% re on				76.2	3.4
graphite	1:7	411	4.69	10.2	1 3.
10 ml 0.2% Pt on]	ł	1 .		2.2
SKLT-D	1:7.5	475	3.93	34	
3 m1 0.2% Pt on	1 1111	1			3.6
SKI.T.D	1:6.1	400	2.5	36	٥.٥
10 ml AR-3 carbon		1		1	1
	Dre	pyldichlo	roborane		3.6
	116	250	ī, —		3.5
10 ml H1 on CraOs	1 110	300		all ght	
10 m1 0.6% Pt on	1:6	J 300	1		
SKLT-D	٠. ١	1 110		1 40	_
10 m1 0.6% Pt on	116	410			1
SKLT-D	1	1			

Card 2/4

	7	Table 2.	. Hyd	ategora ateh	tion of igh pro	alkyld:	lchloro	borane			1 - Ethyldichloro- borane charge, g;
	1	2] 3	4	5	6	7	8	9		2 - Temperature of the autoclave, °C; 3 - Pressure, atm;
}-		_1	1	Ethy]	dichlo	roborane					4 - RBCl ₂ :H ₂ ratios 5 - Contact time,
	1.05 1.1 7.5 1.5 7.5 1.5 7.4 7.5 7.4 7.5 7.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	334 335 - 702 325 - 102 280 280 320 310 310 310 340 340			482 332	64 63.8 3.71 13.03 62.6 67 87.7 87.3 30 42.9 57.7 95.6 77.8 33 37.2	28.2 14.3 15.2 41.5 36.3 37 52.2 47.6 31.6 	1,3	7,5 23 1 14 22 20 13,5 17 9,5	1	sec; 6 - Conversion based on C ₂ H ₆ or C ₃ H ₈ , I; 7 - Yield in diborane, I; 8 - Diborane content in the mixture, I by weight; 9 - Paraffin content, I by volume.
	3.1	300	1 110 1 130		rldichle	rorbore 1. 19.98 25.9	ne 71.4 24.7	8	3		

or catalysts. Study of the pyrolysis of neat diborane and of its mixtures with hydrogen and boron chloride indicated that pyrolysis of diborane sharply decreases in the presence of ECl₃, probably because of the formation of the stable B₂H₃Cl and EHCl₂ compounds. Orig. art. has: 3 tables.

[W. A. 77]
[BO]

SUB CODE: 21, 07/ SUBM DATE: 20Feb65/ ORIG REF: 007/ OTH REF: 008

Solov'yera, I.A

117-3-7/28

TITLE: Modernization of the "TN-110" Machine Tool Made by "Billeter-Klumz" Co (Modernizatsiya stanka firmy "Billeter-Klunts" modeli "TH-110) AUTHOR:

PERIODICAL: Mashinostroitel', 1958, # 3, p 16-18 (USSR)

ABSTRACT:

The article describes in detail how the face grinding machine "TH-110" of the firm Billeter-Klunz has been modernized by mechanizing the manual movements of the crosshead beam and of the small grinding heads slides. The modernization project has been worked out at the Central Designing Bureau (TsKB) of Remmashtrest and put into practice at the Moscow Grinding Machine Plant (Moskovskiy zavod shlifoval'nykh stankov). Other Billeter-Klunz face grinders - "TT-50" and "TT-80" -

can be modernized in the same way.

There are 3 drawings and 1 photograph.

AVAILABLE:

Library of Congress

Card 1/1

SOLOVIYEVA, I.A.; GURARIY, G.Z.

Crystal structure based on seismic and gravimetric data. Biul.

Crystal structure based on seismic and gravimetric data. Biul.

(MIRA 15:12)

MOIP.Otd.geol. 37 no.5:169-170 S-0 '62.

(Earth—Surface)

8/020/62/146/004/014/015 B142/B186

AUTHORS:

Gurariy, G. Z., Solov'yeva, I. A.

ĸ ß aı de .

Cai

Preliminary data on the density of the earth's mantle

TITLE:

Akademiya nauk SSSR. Doklady, v. 146, no. 4, 1962, 877-880.

TEXT: Attempts were made to elucidate horizontal variations of density in the upper parts of the earth's crust. Global seismic and gravimetric data were compiled by the laboratory for atructural seamhysics of the data were compiled by the laboratory for structural geophysics of the PERIODICAL: Geologicheskiy institut AN SSSR (Institute of Geology AS USSR), headed by . P. N. Kropotkin. 365 velocity columns were set up for all points with precisely determined gravity anomalies and seismically well determined structural characteristics, down to the Mohorovicie (Moho) boundary, and the mean velocity of longitudinal waves in the earth's crust was the mean velocity of longitudinal waves in the earth a crust was calculated. Columns of equal depths (1) and of equal gravity anomalies; reduced to the Bougher values, were compared. For (1), the difference in reduced to the Bougher values, were compared. For (1), the difference Bouguer anomalies reached 200-250 mgal. This fact was assumed to be explicable only by density variations, in a horisontal direction, and the unner parts of the martha mantle by the fact that occasioned in the upper parts of the Barth's mantle by the fact that

'Card 1/3

--- ection of the most

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S/020/62/146/004/014/015 B142/B186

Preliminary data on the density ...

probable densities for individual points, is advocated. There are 1 figure and 2 tables.

ASSOCIATION: Geologicheskiy institut Akademii nauk SSSR (Institute of

Geology of the Academy of Sciences USSR)

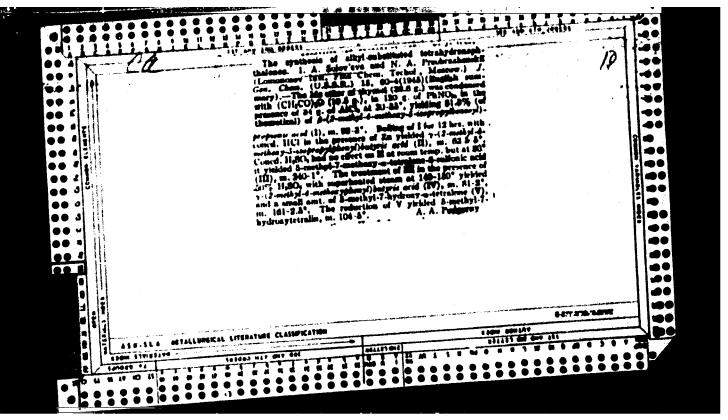
PRESENTED:

April 20, 1962, by N. M. Strakhov, Academician

SUBMITTED:

April 16, 1962

Card 3/3



SOLOV'YEVA, I. A.

USSR/Chemistry - Color Photography

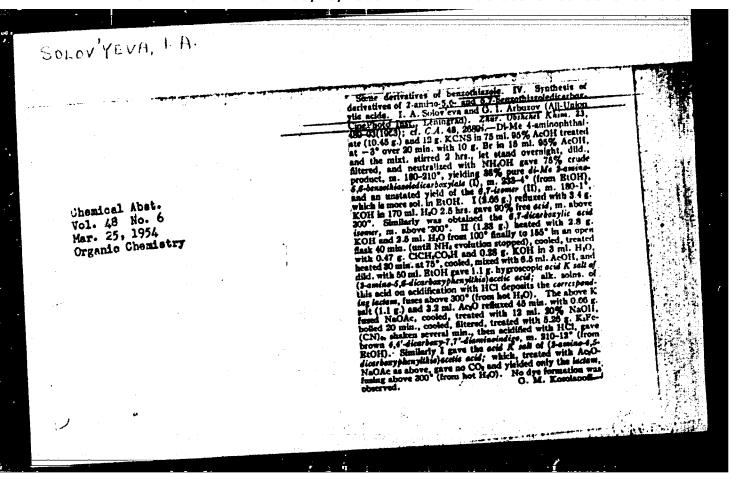
Apr 51

"Action of Chlorosulfonic Acid on 2-Cyanoacetylcoumarone," I. A. Solov'yeva, G. I. Arbuzov (deceased), Synthetics Lab, All-Union Sci Res Cine-Photo Inst

"Zhur Obshch Khim" Vol XXI, No 4, pp 765-767

Investigated components of purple dyestuffs for multilayer color photo emulsions. When 2-cyanoace vicoumarone reacted with HSO3C1, SO2C1 group took 5-position on coumarone nucleus. Optimum reaction conditions gave 78% yield of 2-cyanoacetylcoumarone-5-sulfonic acid chloride. Analide and p-toluide of latter synthesized. 182727

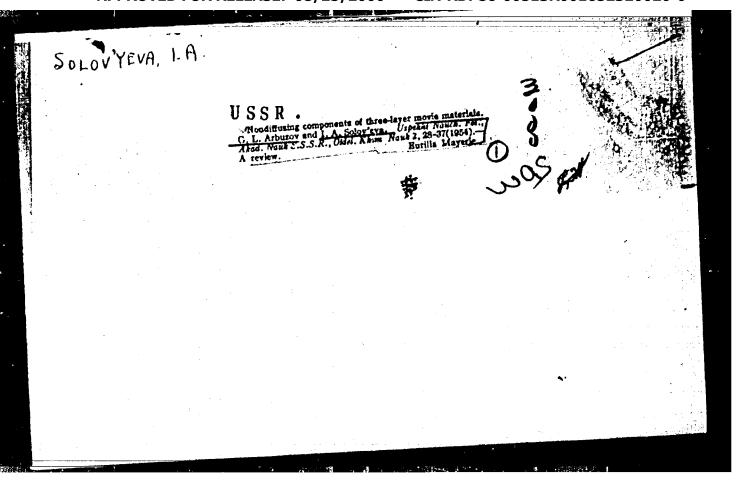
CIA-RDP86-00513R001652320020-0" APPROVED FOR RELEASE: 08/25/2000



Benzothiazole

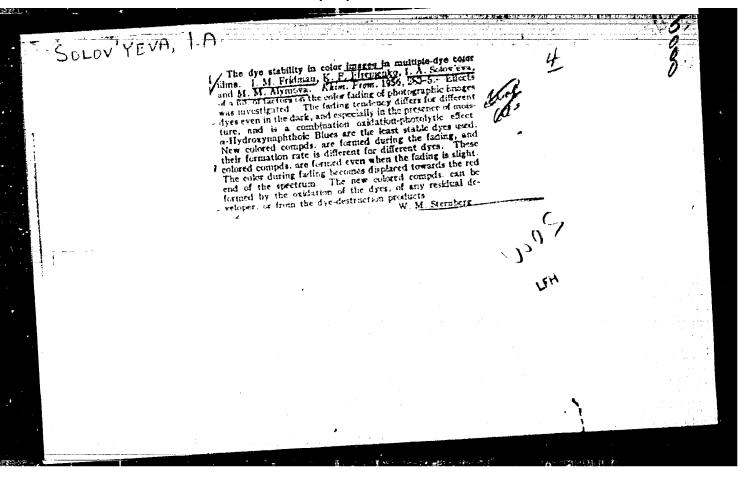
Some derivatives of benzothiazole. Part 4. Synthesis of derivatives of 2-aminobenzothiazole-5, 6 and 6, 7-dirachoxylic acids. Chur. ob. khim. 23, No. 3, 1959.

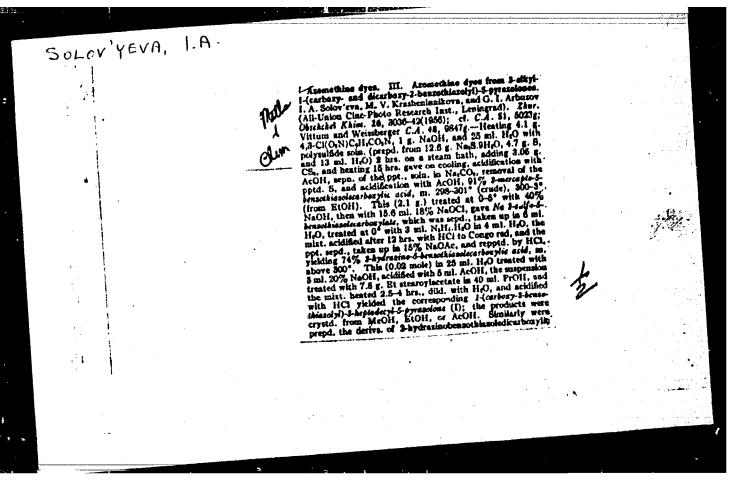
9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

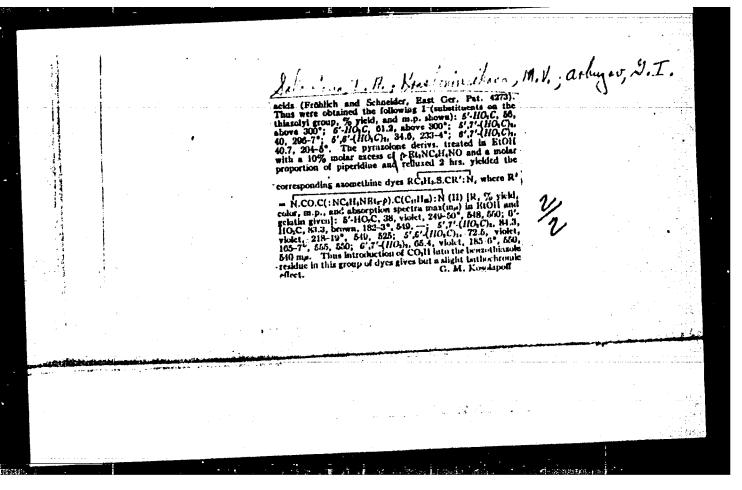


"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652320020-0







, 5(3) AUTHORS: Solov'yeva, I. A., Guseva, A. G.

30V/79-29-6-63/72

TITLE:

On Several Benzothiazole Derivatives (O nekotorykh proizvodnykh benztiazola). VI. On a New Method of Synthesis of 2-Hydrazine Benzothiazole Mono- and Dicarboxylic Acids (VI. O novom metode sinteza 2-gidrazinbenztiazol-mono- i dikarbo-

novykh kislot)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 6, pp 2068-2073 (USSR)

ABSTRACT:

The methods of synthesis of heterocyclic hydrazines, recorded in references 1-11, are not convenient for the synthesis of several benzothiazole derivatives, especially of benzothiazole mono- and dicarboxylic acids. According to Th. Curtius and E. Schmidt it had to be assumed, that the 2-aminobenzothiazole, in which the nitrogen atom of the amino group shows an apparently amidine character, could react with hydrazine hydrate just in the same way. The authors studied therefore the effect of hydrazine hydrate upon 2-aminobenzothiazole and its derivatives. When 2-aminobenzothiazole is heated with hydrazine hydrate dissolved in water at 120°, a vigorous formation of ammonia takes place. After precipitation of the product by cooling, it easily formed with the silvernitrate dissolved

Card 1/3

On Several Benzothiazole Derivatives. VI. On a New SOV/79-29-6-63/72 Method of Synthesis of 2-Hydrazine Benzothiazole Mono- and Dicarboxylic Acids

in ammonia a layer of silver and condensed together with acetic acid ester to 1-benzothiazolyl-(2')-3-methylpyrazolene (Ref 7). Based on these results and also on the results of the analysis it could be established, that a splitting off of the amino group takes place in this reaction and benzothiazole-2-hydrazine (I) is formed. At a weak acidification of the solution and after removal of compound (I), a yellow oil, easily soluble in hydrochloric acid and sodium hydroxide, was separated. In open air it is quickly transformed into a crystalline product (II) the structure of which was proved by miscibility test, Thus a partial disruption of the benzothiazole ring and formation of the o-aminothiophenole (Ref 14)(Scheme), is effected by this reaction. By longer heating the yield of 2-hydrazine benzothiazole decreases, whereas the yield of sulfide (II) increases. The same reaction with substituted 2-aminobenzothiazole did not succeed. Under the above named conditions the 2-aminobenzothiazole carboxylic acids react quite differently. When heating 2-aminobenzothinzole-6-carboxylic acid with hydrazine hydrate dissolved in water at 120-1300, the formation of ammonia ceased after 6-9 hours. The

Card 2/3

On Several Benzothiazole Derivatives. VI. On a New Method of Synthesis of 2-Hydrazine Benzothiazole Mono- and Dicarboxylic Acids

onescon included the article leading second section of the

product precipitated in acidification showed a reaction characteristic of the hydrazine group (layer of silver) and led by conversion with steaoryl acetate to the corresponding pyrazolone derivative (Ref 16). The mentioned properties and data of analysis of synthesized compounds correspond to the structure of 2-hydrazinebenzothiazole-6-carboxylic acid (III) (85 % yield). Analogously compounds (IV-VI) were obtained (Ref 17) from the 2-aminobenzothiazole-5,6-, 5,7-, and 6,7-dicarboxylic acids with satisfactory yields. There are 1 table and 20 references,

ASSOCIATION:

SALE P

Vsescyuznyy nauchno-issledovatel skiy kinofotoinstitut

(All-Union Scientific Research Institute for Cinematography

and Medography)

SUBMITTED:

April 4, 1958

Card 3/3

SOLOV'YEVA, I.A.; LEVKOYEV, I.I.; GUSEVA, A.G.

Structure of colored substances forming under the effect of the oxydation by air oxygen of the color components, derivatives of pyrazolone(5). Trudy NIKFI no.40:95-105 '60. (MIRA 15:2) (Pyrazoline)(Color photography—Films)

. Of the control of t

GURARIY, G.Z.; SOLOV'YEVA, I.A.; KROPOTKIN, P.N., otv.red.; PEYVE, A.V., glavnyý red.; MARKOV, M.S., red.; MENNER, V.V., red.; TIMOFEYEV, P.P., red.

[Crustal structure according to geophysical data] Stroenie zemnoi kory po geofizicheskim dannym. Moskva, 1963. 125 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.98). (MIRA 17:4)

1. Chlen-correspondent AN SSSR (for Peyve).

3/058/63/000/003/045/104 A062/A101

AUTHORS:

Portnaya, B. S., Solov'yeva, I. A., Turitsyna, N. F., Levkoyev, I.I.,

Chel'tsov, V. S., Krasheninnikova, M. V., Bobkova, T. P., Tkachen-

ko, T. G.

TITLE:

On the properties of masking color components of arylazo derived

pyrazolones (5) and anilides of 1,2-oxynaphthoic acid

PERIODICAL:

Referativnyy zhurnal, Fizika, no. 3, 1963, 86, abstract 3D584

("Uspekhi nauchn. fotogr.", 1962, v. 8, 35 - 43)

An investigation was made on the dependence of the color photographic properties of some arylazo derived pyrazolones and anilides of 1,2-oxynaphthoic acid on the nature and position of the substitution agents in the arylazo-group. It is established that the phenyl derivatives of pyrazolones and of 1,2-oxynaphthoic acid are compounds considerably less susceptible of reaction in the conditions of color developing than the initial purple and pale blue components. entry of electropositive substitution agents into the phenylazo-group somewhat increases the reaction capacity of the components, the most favorable influence

Card 1/2

On the properties of masking color components...

S/058/63/000/003/045/104 A062/A101

then being shown by the oxy-group in the position 4. Electronegative substitution agents in the phenylazo-group of masking pale blue components cause a sharp decrease of the activity, and in the case of derivatives of 3-alkylpyrazolone they may show also a favorable influence. Some of the obtained compounds may be employed for preparing negative and contratype masking color motion-picture materials. It is shown that arylazo-derivatives of 3-alkyl- and 3-acylaminopyrazolone usually absorb the light of the blue-violet range (maximum of absorption 400 - 420 mu). The entry of strong electron denor substitution agents into the phenylazo-group causes an appreciable deepening of their coloration. The absorption spectra of the masking pale blue components of the derivatives of 1,2-oxynaphthoic acid include the blue-violet and partially the green portion of the spectrum and in many cases they consist of two bands whose relative intensity may change strongly according to the nature and position of the substitution agents in the arylazo-group. A particularly sharp increase of the absorption intensity in the blue-violet range takes place in the case of 2-methyl- and 2--chlorphenylazo derivatives. It is established that the majority of the investigated masking purple and pale blue components at pH 5 are, as a rule, stable enough in respect to solutions containing ferrocyanic potassium. In alkaline bleaching solutions their stability strongly decreases.

[Abstracter's note: Complete translation] Card 2/2

BOOK EXPLOITATION AN4016108 Gurariy, G. Z.; Solov'yeva, I. A. Structure of the earth's crust by geophysical data (Stroyeniye zemnoy kory* po geofizicheskim danny*m). Hoscow, Isd-vo AN SSSR, 63. 0125 p. illus., biblio., fold. maps. 2000 copies printed. Added t.p.: in English. TOPIC TAGS: geophysics, seismology, gravimetry, isostasy, crustal structure PURPOSE AND COVERAGE: This publication is intended for geologists; geophysicists, and other scientists interested in the structure, nature, and methods for studying the earth's crust. Seismic data from Soviet and Western sources were analyzed and compared with gravimetric and orographic data to establish a correlation between them in order to gain better understanding of the moure of the earth's mantle. A study was also made of the different densities of the crust using seismic data which indicate that the density pattern varies horizontally, especially under oceans. This circumstance Cord 1/4

AM4016108 led to a new interpretation of isostasy, though the available data still roughly indicate the validity of Airy's original theory. Oceanic segments differ from each other in that the Pacific floor contains a continuous layer of basalt, whereas basalt is found in the Atlantic only near continents and islands. This paper presents an initial effort to classify the major structures of the Earth's crust according to geophysical and orographic characteristics. TABLE OF CONTENTS: Editorial note -- 5 Introduction -- 13 Ch. I. Analysis of data used -- 15 1. Seismic Data -- 15 2. Gravimetric data -- 18 Cord 2/4

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Cord 3/4	i i i i i i i i i i i i i i i i i i i

AM4016108

Appendix IIb. Central, East, and South Asia, Africa, and Australia

Appendix IIc. North, Central, and South America (with Bouguer and topographic corrections)

SUB CODE: AS

30Nov63 SUBMITTED:

OTHER: 108

DATE ACQ: 07Hay64

Card 4/4

Pc-4 SSD/ASD(a)-5/AFWL/ESD(gs)/ESD(t)/RAFM(t) L 6913-65 FWT(m)/ENP(j) 8/0058/64/000/004/D116/D116 ACCESSION NR: AR4039920

SOURCE: Ref. zh. Fiz., Abs. 4D894

Solov'yeva, I. A.; Tkachenko, T. G.; Guseva, A. G. AUTHORS:

TITLE: Research in the field of azomethine dyes VI. dyes derived from 2-acylaminopyrozolones

CITED SOURCE: Kinotekhnika. Nauchno-tekhn. sb., vy*p. 4, 1963, 103-116

TOPIC TAGS: organic derivative, dye, photographic emulsion, color film, sensitivity increase

TRANSLATION: A large number of azomethine dyes (AD) have been sensitized. These dyes are the color producing components of multilayer color films, and are of the class of derivatives of 2-acylaminopyrazolones (5) with different acyl residues in the amino group.

Card 1/2

L 6913-65

ACCESSION NR: AR4039920

photographic and optical properties of these azomethine dyes have been investigated, along with some properties of dyes obtained from them by color development (absorption spectra and stability). The introduction of the acyl residue into the amino group of the AD deepens their color, particularly in alcohol solutions. The absorption of the AD in gelatine emulsion is characterized by a hypsochromic shift of the absorption maximum compared with the alcohol solutions, and by a simultaneous broadening of the entire absorption band. Many investigated AD from the 1-aryl-3-acylaminopyrazolone series are quite active under color development and form highly stable dyes. The latter pertains also to AD from the series of 3-N-alkyl (aryl)-N-acylaminopyrozolones, but unlike the preceding series these AD have a small reactivity. Bibliography, 21 titles. A. Kartuzhanskiy.

SUB CODE: ES, OC

ENCL: 00

Cord 2/2

SOLOV'YEVA, I.A.

Development of the afferent innervation of the esophagus in chicks. Arkh. anat., gist. i embr. 49 nc.9:64-70 S 165.

(MIRA 18:12)

1. Laboratoriya morfologii (zav. - chlen-korrespondent AN SSSR N.G. Kolosov) Instituta fiziologii imeni I.P. Pavlova AN SSSR. Submitted November 5, 1964.

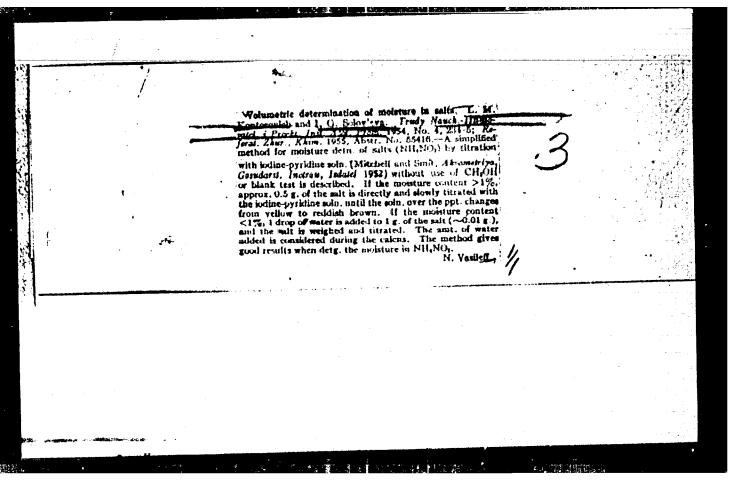
SOLDVIYEVA, I.A.

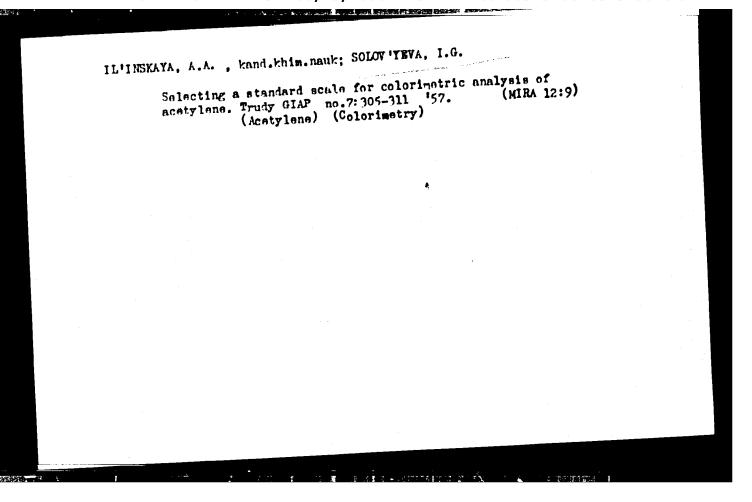
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Development of the neurofibrillary apparatus and synaptic connections of the peripheral neurons in the chick. Eckl. AN SSSR 158 no.5:1193-1196 0 (MIRA 17:10)

The first of the second collection of the seco

1. Institut fiziologi; im. I.P.Favlova AN SSSR. Predstavleno akademikom V.N.Chernigovskim.





Detection of traces of acotylene in the air. Truly GIAP no.7:
112-315 '57.

(Air-Analysia) (Acotylene)

KONTOROVICH, L.M.; SOLOV'YEVA, I.G.; LEVCHENKO, G.T., kand.khim. nauk

Determining the nitrogen content of ammonium salts by the formalin method. Trudy GIAP no.8:243-245 '57. (MIRA 12:9)

(Ammonium salts) (Formaldehyde)

UR/0193/66/000/009/0019/0021 AP6031652 (A.N) ACC NRI SOURCE CODE: Dreyzin, L. S.; Berman, G. G.; Solov'yeva, I. G. AUTHORI ORC: none Equipment conservation with liquid inhibited coatings TITLE: SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 9, 1966, 19-21 TOPIC TAGS: A corrosion, atmospheric corrosion, corrosion protection, anticorrosion agent / K 17 anticorrosion agent, K 19 anticorrosion agent ABSTRACT: The All-Union Scientific Research Institute for Petroleum and Gas (VNIINP) has developed two compounds for long-term protection of metallic parts, components and mechanisms of high-pressure compressors from atmospheric corrosion. The compositions, designated K-17 and K-19, consist of (wtZ) 2.5 ± 0.3 oxidized petrolatum, lithium hydroxide (unspecified), 1.0 ± 0.1 SK-45 synthetic rubber, 2.5 ± 0.1 TsIATIH-339 additive, 10 ± 0.5 and 2.5 ± 0.1 (for K-17 and K-19, respectively) PMS-Ya additive (alkaline calcium sulfonate), max 40 transformer oil, 2.0 ± 0.5 sodium nitrite (in K-19 only), 0.3 ± 0.01 diphenylamine, and the remainder (up to 100%)-MS-20 aviation oil. The K-17 and K-19 compositions form a thin layer (up to 0.05 mm) on a UDC: 621.197.3:621.892 Card 1/2

metal surf preserve t with aqueo anticorros 50—60C an Ural Compr high-press years.	us chl ion co d rela	loride satings stive h	and propunid:	sulfide so tected fea lty of up K=17 and	erties, solutions. Tous and to 100%.	In test nonferro At the	y form e s, K-17 us metal present	mulsion and K-19 parts at time, the	
SUB CODE:	11/	SUBH D	ATE;	none/					
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Experimental study of the effection nonhunogeneities on the characteristics of cortain delay systems. Inv. vys. ucheb. zav.; radiofiz. L. no.3:935-146 '61. (TRU 14:10)

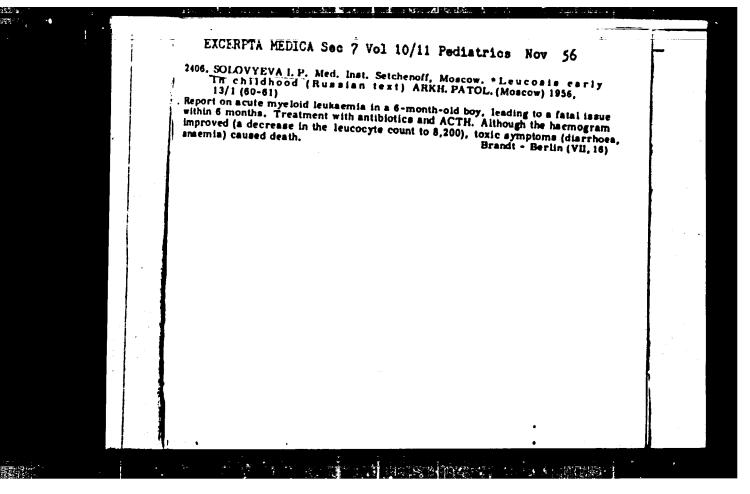
1. Marchae incledovatelishiy radiofiziones iy institut pri Gor'kovaten universit.te. (Delay networks) (Radio lines) (Microusves)

SOLOV'YEVA, I.O.; ALEKSEYEVA, R.A.; PROKOPOVICH, A.V.

Stableness of the antigenic structure of separate enteropathogenic types of Escherichia coli. Zhur. mikrobiol., epid. i immun. 33 no.2:125-126 F 162. (MIRA 15:3)

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1. Iz Leningradskogo pediatricheskogo meditsinskogo instituta. (ESCHERICHIA COLI)



SOLOV'YEVA, I.P., stud. (Moskva)

Leukosis in infants. Arkh. pat. 18 no.1:60-61 '56. (MIRA 9:6)

1. Iz kafedry patologicheskoy anatomii (zav.-chlen-korrespondent ANN SSSR A.I. Strukov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(LEUKEMIA, MYELOCYTIC, in infant and child, (Rus))

Lymph node tuberculosis and involvement of the bronchial tree;
review of literature. Probl.tub. 35 no.7:119-127 '57. (MIRA 11:2)

1. Iz kafedry patologichenkoy anatomii (sev. - chlen-korrespondent
ANN SSSR A.I.Strukov) I Moskovskogo ordene Lenina meditsinskogo
institutm imoni I.M.Sechenova.

(TUBERCULOSIS, PUMOMARY, etiol. and pathogen.
bronchial involvement in lymph node tuberc., review)
(TUBERCULOSIS, LYMPH NODE, compl.
bronchial involvement, review)

SOLOV'YEVA, I.P., Cand Med wei -- (diss) "Broncho-glandalar liver in tuberculosis." Mos. 1958, 15 pp (First Mos Order of Lenin Med Inst im I.M. Sechenov) 200 copies (KL, 32-58, 112)

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SOLOV'YEVA, I.P. (Moskva)

Lymph node tuberculosis and lesions of the bronchist well [with summary in English] Arkh.pat. 20 no.5:57-63 158 (MIRA 11:6)

1. Iz kafedry patologicheskoy anatomii (zav. - chlen-korrespondent ANN SSSR A.I. Strukov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.W. Sechenova.

(TUBERCULOSIS, LYMPH NODE, pathology.

(TUBERCULOSIS, LYMPH NODE, pathology, bronchial wall, autopsy (Rus)) (HRONCHI, in var dis. tuberc., lymph node, autopsy (Rus))

STRUKOV, A.I., Prof.; SOLOVIOTA, 1.P., (Monkva)

Bronchial lymph node leasons in tuberculosis. Suvrem. ned., Sofia 10 no.1:9-20 1959.

or Berzeli de Alexandre Bronder Britania de Caralle de Caralle de La Caralle de Caralle

1. Iz Katedrata po patologoanatomiia pri I Moskovski med. i-t I.H. Sechenov, nositel na ordena Lenin (zav. katedrata: prof. A.I. Strukov) Chlen-koresp. pri AMN na SSSR (for Strukov).

(MIRER HASIS, PHIMONASY, compl.

(TUBERLU LOSIS, PULMONARY, compl. bronchial lymph node lesions (Bul))

STRUKOV, A.I.; KODOLOVA, I.M.; SOLOV'YEVA, I.P. (Moskva)

Segmental pulmonary structure in pathoanatomical practice. Arkh.pat. (MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - chlon-korrespondent AMN SSSR prof. A.I. Strukov) I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.

(LUNGS, pathol. autopsy, segmental anat. aspects (Bus))

LUKOMSKIY, G.I.; RYZHKOV, Ye.V.; SANPITER, I.A. (Moskva,G-248,Kutumovskiy prosp.,d.11/7, kv.11); SOLOV'YEVA, I.P.

> Primary lung sarcoma. Grud. khir. 2 no.5:109-113 S-0 160. (MIRA 16:5) 1. Is fakul'tetskoy khirurgit beskoy kliniki (sav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova i rentgenologicheskogo otdeleniya i prozektury 61-y gorodskoy klinicheskoy bol'nitsy otdeleniya i prosekta. (clungs-cancer) (clungs-cancer)

SOLOV'YEVA, I.P., kand.med.nauk; NEZHLUKTO, A.Ya.

(BRONCHI -- CANCER)

APPROVED FOR RELEASE: 08/25/2000

Cancer of the bronchus developing in a polysystic lung. Vest. (HIRA 15:1) khir. no.7:116-118 '61.

1. Iz legochnogo otdeleniya (zav. - prof. N.I. Gerasimenko) i patomorfologicheskoy laboratorii (zav. - prof. Ya.L. Rapoport) Instituta gurdnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovod'tel' - prof. A.N. Bakulev) AMN S9SR. Adres avtorov: Moskva, V-49, Leninskiy pr., d.8, Institut grudnoy khirurgii AMN SSSR. (LUNGS-TUMORS)

CIA-RDP86-00513R001652320020-0"

SERGEYEV, V.M.; KLIONER, L.I.; SOLOV'YEVA, I.P.

Disgnosis of malignant mesothelicma of the pleura. Vop.cnk.
7 no.3:31-41 '61. (MIRA 14:5)

(PLEURA—CANCER)

o del o del comendado e el como de la comencia del comencia del la comencia del comencia de la comencia de la comencia del comencia de

Juxtamedullary renal blood flow in the pathogenesis of hepatorenal syndrome. Arkh. pat. 23 no. 1:71-75 ¹61. (MIRA 14:1) (KIDNEYS—DISEASES) (LIVER—DISEASES)

SOLOV'YEVA, I.P. (Moskva, Zubovskaya ul., d.5/36,kb.6); NEZHLUKTO, A.Ya. (Moskva)

Solitary plasmacytoma of the lung. Grud.khir. 4 no.6:92-94 (MIRA 16:10)

(LUNES—CANCER)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320020-0"

SHEKHTER, A.I. (Moskva, A-57, Novopesehanaya ul., P.3, kv.46); SOLOV'YEVA, I.P., kand.med.nauk

Isolated adenomatosis of the middle lobe of the lung. Vest. rent. i rad. 37 no.1:39-43 Ja-F '62. (MIRA 15:3)

1. Iz rentgenologicheskogo otdeleniya (zav. - kand.med.nauk M.A. Ivanitskaya) i patomorfologicheskoy laboratorii (zav. - prof. Ya.L. Rapoport) Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev), kafedry rentgenologii i radiologii (zav. - prof. V.A. D'yachenko) II Moskovskogo meditsinskogo instituta (rektor - dotsent M.G. Sirotkina).

(LUNGS-TUMORS)

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RAPOPORT, Ya. L.; SOLOV'YEVA, I. P.

Benign tumors of the bronchus from surgical pathology data. Grud. khir. 4 no.3:31-39 My-Je 162. (MIRA 15:7)

1. Iz laboratorii patomorfologii (zav. - prof. Ya. L. Rapoport) Instituta grudnoy khirurgii AMN SSSR (dir. - prof. S. A. Kolesnikova, nauchnyy rukovoditel' - akad. A. N. Bakulev)

(BRONCHI __TUMORS)

SOLOV'YEVA, I.P., kend. med. nauk (Moskva, Zubovskaya, d. 5/36, kv.6); LUKOMSKIY, G.I., kend. med. nauk

Macrofollicular lymphoblastoma of the lung (Brill-Symmers disease). Vestn. khir. Grekev. 90 no.4:89-90 Apt 63 (MIRA 17:2)

1. Iz Moskovskoy gorodskoy klinicheskty bol'nitsy No.61 (glavnyy vrach - L.N. Vasilevskaya) i kliniki khirurgicheskika bolezney (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta l-go Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

SHILLER-VOLKOVA, Nataliya Nikolayevna; Niklinki, hina (menovna; AGAMOVA, Klara Aleksandrovna; hilli, Eargarit L'vovna; SULOV'YEVA, 1..., red.

[Cytologic diognosis of malignant neoplasms; an atlas] initologicheskaia diagnostika z'o'achestvennykh novo-oorazovanii; atlas. Moskva, Kedituina, 1964. 263 p. (Nikt 1727)

Archem uphrated at parellets in pulmonary cancer. Vest. rent. (man. 20 or. stare2) No. tot.

1. Whitnest cookeye ordeleniye (rukovoditel + doktor mel.rank
F.L.Skal rin) I tetimorfologicheskiy ordel (rukovoditel + doktor mel.rank
Y. L. Skal rin) I tetimorfologicheskiy ordel (rukovoditel + doktor mel.rank
Y. L. Skal rin I No. involanted watel kkogo rentgonermii dingi neskogo
in rollete Marinteritia normvookhremeniya hJFSR, Moskve.

REPUMBERV, A.I. (Monkva, & y oby) cosaly personal, i.13, km. b.);
Sometal pneumoscleroris following tuberculous bronchoglandular
perforation simulating lang cancer. Grad. khir. 6 no.5:88-91
N-D '64.

(MPA 18:7)

BARULEV, A.N., akademik; BUNYATYAL, A.A., kand. med. nauk;
BURAKOVEKIY, V.I., doktor med. nauk; BUYANEV, V.M., dots.;
GULYAYEV, A.V., prof.; ZAGETSKIY, V.V., doktor med. nauk;
IVANOV, V.A., prof.; KOLESNIKOV, S.A., prof.; LOBACHEV,
S.V., prof.; LOPUKHIN, Yu.M., prof.; MURATOVA, Kh.N., doktor
med. nauk; FETROVSKIY, B.V., zasl. devatel' nauki RSFER, prof.;
SAVEL'YEV, V.S., prof.; SERGEYEV, V.M., doktor med. nauk;
SDLOV'YEV, G.M., prof.; SOLGV'YEVA, I.I.; BURAKOVSKIY, V.I.,

[Eultivolume manual on surgery] Mnogotomnoe rukovodstvo po kłirurgii. Moskva, Meditsina. Vol.6. Ft.1. 1965. 577 p. (MIRA 18:10)

1. Deystvitel'myy chlen AMN SSSR (for Petrovskiy).

KUZ 'MICHEV, A.F.; SOLOV YEVA, I.P.

Plastic bronchial surgery in benign tumors. Sov. med. 28 no.313-7 Mr 165. (MIRA 18:10)

1. Institut rentgeno-radiologii Ministerstva zdravookhraneniya RSFSR (direktor - prof. I.G.Lagunova).

SOLOV YEVA, I.P., kand. med. nauk

Arrosion of hemorrhage from the aorta in mycotic lesions of esophagoenteroanastomosis. Azerb. med. zhur. 41 no.8:66-69 Ag *64. (MIRA 18:11)

1. Iz prozektury Moskovskoy gorodskoy klinicheskoy bol'nitsy No. 61 (glavnyy vrach .. L.N. Vasilevskaya). Submitted November 14, 1963.

SCLOVIYEVA. I.P., kand. med. nauk; PRONIN, V.I., kand. med. nauk

Case of a gigantic retroperitoneal neurinoma. Azerb. med.

zhur. 41 no. 10:70-74 0 64 (MIRA 19:1)

1. Iz prozektury gorodskoy klinicheskoy bol'nitsy No. 61 (glavnyy vrach - L.N. Vasilevskaya).

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REZNIKOVSKIY, A. Sh., kand. tekhn. nauk; VELIKANOV, A. L., inzh.; SOLOV'IEVA, I. Yu., insh.

Water-power computations on digital computers. Gidr. stroi. 33 no.12:26-28 D *62. (MIRA 16:1)

(Calculating machines) (Hydroelectric power)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652320020-0"

REZNIKOVSKIY, A.Sh. (Moskva); SOLOV YEVA. 1.Yu. (Moskva)

Use of electronia computers in water power calculations in designing series of hydroelectric power stations for Eastern Siberia. Izv. AN SSSR. Ener. i transp. no.4:539-548 J1-Ag '63. (MIRA 16:11)

<u>L 3905-66</u> EWT(m)/EPF(c) WE/RM

ACCESSION NR: AP5023546

UR/0220/65/034/004/0598/0601

576.8.098 : 577.158.1%

AUTHOR: Pomortseva, N. V.; Solov'yev

Tomoreseve, n. v.; Sollov yeve, A. A.

TITLE: Formation of aldehydes during heptane oxidation by Pseudomonas puocuonea

SOURCE: Hikrobiologiya, v. 34, no. 4, 1965, 598-601

TOPIC TAGS: microbiology, bacteria, biochemistry, heptane, aldehyde, paper chromatography

ABSTRACT: The process of heptane oxidation by Pseudomonas pyocyanea strain 39a results in the formation of aldehydes, which seem to be intermediate products of the oxidation of this hydrocarbon. The addition of sodium sulfite to the medium with heptane markedly increases the accumulation of aldehydes. Increased aeration has the same effect. It is necessary to keep the pH of the medium close to neutral for aldehydes to accumulate in the presence of sodium sulfite. Heptane oxidation in a growing culture of Ps. pyocyanea yields only one aldehyde and this is heptane aldehyde. When the culture was in a state chromatographically similar to autolysis, two other spots (not identified) appeared at a position closer to the

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SOLOV'YEVA, Klavdiyn Fedorovna, kand.ekonom.nauk; ZAPIVAKHIN, A.I., red.; PROKOF'YEVA, A.H., tekhn.red.; DEYEVA, V.M., tekhn.red.

[Fixed assets and working capital of a collective farm] Osnovnys
i oborotnye sredstva kolkhoza. Moskva, Gos.izd-vo sel'khoz.lit-ry,
(MIRA 14:1)
(MOSCOW Province--Collective farms--Finance)

Line State of the State of the

BORISOV, Ye.F., dots.; BREGEL', E.Ya., prof.; BUKH, Ye.M., dots.;

VASHENTSEVA, V.M., dots.; GOLEVA, Yu.P., kand. ekon. nauk;

GOLEVA, A.P., kand. ekon. nauk; DEMOCHKIN, G.V., dots.;

DONABEDOV, G.T., kand. ekon. nauk; YERMOLOVICH, I.I., dots.;

KALYUZHNYY, V.M., dots.; KORNEYEVA, K.G., dots.; KUZNETSOVA,

A.S., prof.; MIROSHNICHENKO, V.S., dots.; MYASNIKOV, I.Ya.,

kand. ekon. nauk; PIKIN, A.S., dots.; SIDOROV, V.A.; SMIRNOV,

A.D., dots.; SOLOV'YEVA, K.F., dots.; SOROKINA, I.F., dots.;

TARUNIN, A.F., kand. ekon. nauk; KHARAKHASH'YAN, G.M., prof.;

MENDEL'SON, A.S., red.; SHVEYTSER, Ye.K., red.; ROTOVA, R.S.,

red.; GARINA, T.D., tekhn. red.

[Economics of socialism] Politicheskaia ekonomiia sotsializma. Moskva, Gos.izd-vo "Vysshaia shkola," 1963. 476 p. (MIRA 17:2)

MEN'SHIKOV, Stanislav Mikhaylovich; BELYAVSKIY, A., red.; SOLOV'YEVA,L., ml. red.

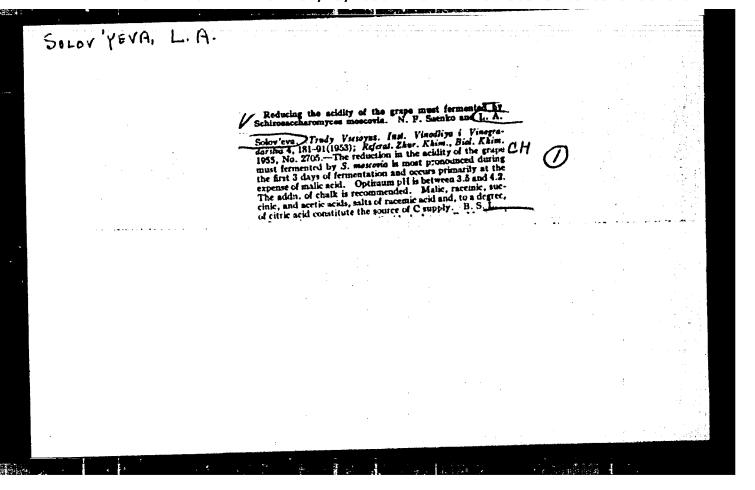
[Millionaires and managers; the 'odern structure of the financial oligarchy in the U.S.A.] Millionery i menedzhery; sowremennaia struktura finansovoi oligarkhii SShA. Moskva, Myel', 1965. 454 p. (MIRA 18:5)

SCIANTENA, L.; KRASHEHIMINGV, S.K., Sotsont, continue raisonal testions of growing forage subbaga. Short maker, rab. Shot. [Historian, cas. in. no.6:163-160 162. (Historian)]

1. Enfective rasteriyevodstva Fetrozavodskoro gorudarstvennogo qualiversiteta.

Colertheva, L. A. - "Foe Prode-Union Library of Leaders' tering the Pirest Five-Year Flam (1921-1932)." Londagend State Library Institution in Erupakata. Leningrad, 1950 (Bissertation for the Begree of Camidate in Pedagoglead Sciences).

So: Knishmaya Letopia', No. 10, 1950, pp 110-127



Berganetaev, V. F. and <u>Dievinova, I. A. - "Extractionial data and the simple to a</u> of the standard track of eight benedit the sall presents of each of the standard track tive treat", Emply Advanta, and, sed. In-la, Vol. IX, 170, p. 175-79.

SO: U-2040, It Hereb 53, (Lateria Mirumal Layle States, No. 1, 1242).

\$/081/61/000/021/024/094 B101/B147

AUTHORS:

Chulkov, Ya. I., Solov'yeva, L. A.

TITLE:

Trilonometric determination of aluminum and titanium in

elemental organosilicon compounds

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 21, 1961, 100, abstract 21D40 (Vestn. tekhn. i. ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta Sov. Min. SSSR po khimii, no. 10, 1960,

32 - 35)

TEXT: For determining Al in elemental organic compounds, an indirect method was used basing on titration of Complexon III (I) excess at pH 6 with a standard solution of aluminum potassium sulfate, with hematoxylin as indicator. The sample is dissolved under heating in 20% oleum with low (NH₄)₂SO₄ addition, and HNO₃ is added dropwise until the solution is removed and the liberation of nitrogen oxides ceases. diluted with water, boiled for 2 min, filtered, and washed with 20% MH NO 3 golution. Filtrate and wash water are diluted with water to 250 milliliters. An excess of 0.05 moles of the solution of I is added to an Card 1/3

Trilonometric determination ...

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aliquot part of the solution (\sim 20 mg of Al), solution of NH $_{4}$ 0H is added until the color of phenolphthalein turns red and boiling is performed until decolorization occurs. Thereafter, 2 milliliters of 2NCH, COOH is added and the solution is again boiled for 3 min. After cooling to 40°C. 10 milliliters of acetate buffer solution with pH 6.0 and 1 milliliter of 0.2% hematoxylin solution are added, and diluted to 100 milliliters. The hot solution (60 - 70°C) is titrated with the standard solution of aluminum potassium sulfate. A method was developed for determining Ti, based on titration of its complex compound with H_2^{0} with a solution of I in the presence of Fe^{3+} , and salicylic acid as indicator. The determination includes titration at pH 1.4 - 1.6, at first only of Fe^{3+} and then, after adding H_2O_2 , titration of Ti. For this purpose, 2 milliliters of a 0.05 M solution of Pe3+ is added to an aliquot part of the solution (if the Pe3+ content in the solution <0.8%). The substance is heated to 40 - 50°C, 0.1 milliliters of a 10% ethanol solution of salicylic acid and 2 drops of a 30% H₂O₂ solution are added; titration is performed with a 0.05 M solution of I until the color of the solution changes from red-brown to Card 2/3

	Trilonometric determination	B/081/61/000/021/024/094 B101/B147	
	greenish-yellow. V inhibits the Ti determinati	on. [Abstracter's note:	•
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STOLYAROV, K.P.; GRIGOR'YEV, N.N.; SOLOV'YEVA, L.A.

New microluminescence method for the titration of small amounts of substance in solutions. Report No.2: Determination of small quantities of strong acids in solution. Zhur.anal.khim. 17 no.1: 28-30 Ja-F '62. (MIRA 15:2)

1. A.A.Zhdanov Leningrad State University.
(Acids) (Luminescence)

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MERKULOV, Nikolay Ivanovich; PAVLIKOV, Arkadiy Alekseyevich; FEDOROV, Aleksey Sergeyevich; LEBEDEV, S.A., akademik, red.; SOLOV'YEVA, L.A., red.; MURASHOVA, N.Ya., tekhn. red.

[BESM electronic digital computer] Elektronnaia tsifrovaia vychislitel'naia mashina BESM. Pod obshchei red. S.A. Lebedeva.

Moskva, Fizmatgiz. Vol.3. [Memory systems of the BESM-2 computer]
Zapominaiushchie ustroistva BESM-2. [By] N.I. Merkulov i dr. 1962.

(MIRA 16:3)

(Electronic digital computers—Memory systems)

NESLUKHOVSKIY, Kirill Sergeyevich; SOLOV'YEVA, L.A., red.;
AKSEL'ROD, I.Sh., tekhn. red.

[Digital differential analyzers] TSifrovye differentsial'nye analizatory. Moskva, Fizmatgiz, 1963. 303 p. (MIRA 17:3)

L 25361-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG ACCESSION NR: AP4046736 S/0054/64/000/003/0134/0139

AUTHOR: Solov'yeva, L. A.; Stolyarov, K. P.; Grigor'yev, N. N.

TITLE: Determination of small gallium concentrations by the method of microluminescent titration 27

SOURCE: Leningrad. Universitet. Vestnik. Seriya fiziki i khimii, no. 3, 1964, 134-139

TOPIC TAGS: analytical chemistry, microluminescent titration, gallium analysis, microanalysis

ABSTRACT: The method of microluminescent titration described by the authors previously (see Zh. A Kh 17, 565 (1962)) is applied for the determination of small concentrations of gallium in relatively small samples (10 to 50 milligrams). The sensitivity of this simple method is between that of the titrimetric and the photometric methods. (1.0-10.0 µg in 2 ml samples) The microluminescent titration method was tested on artificial mixtures and on samples of ferrite, silicate,

Card 1/2

L 25361-65 ACCESSION NR: AP4046736

and repheline. Orig. art. has: 3 figures and 6 tables

ASSOCIATION: None

SUBMITTED: 25Jan64

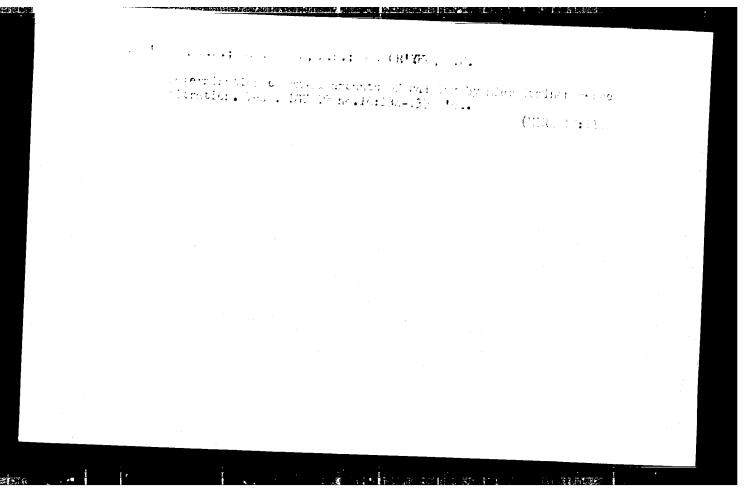
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OTHER: 009

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I. 36256-65 EWT (m)/EPF(n)-2/EWP(t)/EWP(b) Pu-4 IJP(c) JD/WW/JG/GS ACCESSION NR: AT5007806 S/0000/64/000/000/0001/0015

22

AUTHOR: Solov'yeva, L. A.; Stolyarov, K. P.; Grigor'yev, N. N.

TITLE: The problem of determining small amounts of zirconium by luminescence titration

SOURCE: Leningrad, Universitet. Metody kolichestvennogo opredeleniya elementov (Methods for the quantitative determination of elements). Leningrad, Izd-vo Leningra, 1964, 7-15

TOPIC TAGS: zirconium determination, luminescence titration, zirconium ore, pentahydroxyflavone, interfering cation, ore analysis

ABSTRACT: Optimal conditions for the luminescence-titration of small amounts of zirconium in ore, the effect of accompanying cations and the composition of the luminescent complex were studied experimentally. The green-luminescent compound formed with morin (pentahydroxyflavone) was titrated with sodium fluoride and the decreasing luminescence was measured by a galvanometric technique. Spectrophotometric determination of optical densities was used to establish the composition of the complex. Maximum accuracy was reached in 1:1 mixtures of 5.2 N perchloric acid with 1:1 dilute hydrochloric acid, permitting determination of 229 - 6.9 %8

L 36258-65

ACCESSION NR: AT5007806

Zr with 0 = 4.3% relative error, whereas lower accuracy was achieved in 4 N H2SO4. Determination of Zr is feasible at 1:10 Zr/Nb ratios although niobium decreases the luminescence of the complex; aluminum does not hinder the determination of Zr under experimental conditions; copper decreases the accuracy, and ferric ions must be reduced or removed; Mn II does not impede the analysis at 1:10 Zr/Mn ratios. Zirconium in 0.22 and 0.53% concentrations in ore was determined by melting with alkali carbonate, melting the residue with potassium pyrosulfate, dissolving in 10% H2SO4, vaporization, dilution with water, precipitation with ammonia after adding aluminum chloride as a collector compound if very small amounts of Zr are present, and determination of Zr in the dissolved precipitate by luminescence-titration. The optical density measurements indicated that the composition of the complex corresponds to 1:2 zirconium-morin ratios. "The ore samples were provided by the TsKhL VSEGEI." Origo art. has: 6 figures and 7 tables.

ASSOCIATION: none

SUBMITTED: 28Sep64

ENCL: 00

SUB CODE: M. CC

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OTHER: 000

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"The Temperature Investigation of Astronomical Pendulum Clocks." Juni Tech Sei, All-Union Set Res Inst of Netrology iment D. I. Hendeleyev; Committee on Standards, Measures, and Measuring Instruments, Council of Ministers USSR, Leningrad, 1995. (EL, No. 10, Mar 95)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical Dissertations Refended at "SUR Higher Educational Institutions (15)

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ZAGATINA, A.D.; SOLOV'YEVA, L.A.; TOVCHIGRECHKO, S.S.; TOROPIN, S.1.

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Pseudomyxoma of the ovaries and peritoneum. Akush. i gin. 38 no.3:124-127 My-Je '62. (MIRA 15:6)

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AUTHOR: Dmitriyeva, L, V.; Solov'yeva, L, D,

TITLE: Conjugate character of the sign of air pressure and temperature anomalies in the territory of the SSSP

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy*, no. 164, 1964. Obshchaya i sinopticheskaya klimatologiya (General and synoptic climatology), 77-83

TOPIC TAGS: atmospheric temperature, atmospheric pressure, climatology, weather forecasting, long-range weather forecasting

ABSTRACT: By the conjugate character of the sign of air pressure and temperature anomalies, the authors mean the coincidence of particular signs of the mean monthly air pressure and temperature anomalies. The initial data were records of deviations of mean monthly air pressure and temperature for individual years from their mean long-term values. These data were computed for compilation of charts of the distribution of anomalies of these elements for themisphere. In this paper, the authors have used data on the anomalies of these elements for 125 stations for the period 1891-1950. The stations were more or less uniformly distributed over the area. For each station,

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